

LAUNCH

1. Internal Power On.
2. Searchlight
3. Activate Countdown
4. A/MET-003 activate Primary Engines
5. A/MET-004 Ignite Engines by pressing fire button on Joystick/Watch "T" arrow with "C" arrow during launch.
6. Maintain proper trajectory and plane watching display
7. At 500 nautical miles shut down Engines

STABILIZING ORBIT

1. Push Joystick forward to set 36° pitch.
2. Open Cargo Bay Doors.

DOCKING

1. Set RCS to transitional
2. Correct Z axis to 0. Hold down the button and tap Joystick forward. A negative number means the satellite is below you so push the Joystick forward to drive. A positive number means the satellite is above you so pull the Joystick back to climb.
3. Correct Y axis to 0. Tap the Joystick to the right. A positive number means the satellite is right of you so push your stick right to line up with it. A negative number means it's left of you. Push Joystick left to line up with satellite.
4. Correct X axis. Tap the Joystick back. A positive number means the satellite is ahead of you. A negative number means it's behind you. To increase shuttle speed push Joystick forward. To decrease speed, pull Joystick back.

DEORBIT BURN

1. Set attitude to 2nd miles
2. Set speed to Mach 23.9
3. Set RCS to rotational
4. Push Joystick left to set YAW = 180°
5. Pull back or push Joystick forward to Pitch = -34°
6. Ignite engines by pressing fire button. Hold down button until speed is 40.0
7. Roll forward 3°

REENTRY

1. Pull back Joystick to set +34° Pitch
2. Close Cargo Bay Doors
3. Follow reentry course on computer screen. Pull stick back to go right push stick forward to go left. Left and right on stick centers small glow.

FINAL APPROACH

1. As soon as you see the mountains line up. Shuffle on runway using radar screen.
2. Follow final approach course on computer screen. Push Joystick forward to quicken descent. Pull Joystick back to slow descent.
3. When range goes negative drop landing gear.
4. Push Joystick forward to lower nose.
5. When shuttle hits runway keep Joystick pushed forward.

EVALUATION

Ranking will be determined by the number of successful dockings and the exact number of fuel units you have remaining at the end of your flight. Check your manual for details.

WELCOME HOME

